

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A binder for an electric double layer capacitor, comprising; a polymer (A),
~~containing comprising 50% or more by weight of an acrylate monomer unit and~~
~~0.5 to 10% by weight of a polyfunctional unsaturated monomer unit, and~~
having two or more glass transition temperatures.
2. (Original) The binder for the electric double layer capacitor according to claim 1, wherein the polymer (A) is a complex.
3. (Currently Amended) The binder for the electric double layer capacitor according to claim 2, wherein the complex is a fine particle having a core-shell structure obtained by polymerizing stepwise a monomer mixture ~~containing comprising~~ an acrylate monomer.
4. (Currently Amended) A composition for an electric double layer capacitor, ~~containing comprising~~ the binder as claimed in claim 1, and an active material for an electrode.
5. (Currently Amended) The composition for the electric double layer capacitor according to claim 4, further ~~containing comprising~~ an electroconductivity additive.

6. (Currently Amended) The composition for the electric double layer capacitor according to claim 4, further containing comprising water.

7. (Currently Amended) A method for producing the composition for an electric double layer capacitor as claimed in claim 4, wherein;

mixing a binder for an electric double layer capacitor comprising the polymer (A) and an active material for an electrode ~~are mixed with each other~~ in a solvent to yield a dispersion, and

granulating the dispersion ~~is granulated~~ by spray drying method.

8. (Original) An electrode for an electric double layer capacitor, wherein the composition for the electric double layer capacitor as claimed in claim 4 is stacked on a current collector.

9. (Currently Amended) A method for producing the electrode for the electric double layer capacitor as claimed in claim 8, comprising the steps of:

applying, onto a current collector, a composition for an electric double layer capacitor containing comprising a binder for an electric double layer capacitor comprising the polymer (A), an active material for an electrode, and water, and;

then drying the composition, thereby forming an electrode layer on the current collector.

10. (Currently Amended) A method for producing the electrode for an electric double layer capacitor as claimed in claim 8, comprising the steps of:

dry-molding the composition for the electric double layer capacitor ~~containing~~ comprising the binder for the electric double layer capacitor comprising the polymer (A), and the active material for an electrode, and;

then forming an electrode layer on the current collector.

11. (Original) An electric double layer capacitor, comprising the electrode as claimed in claim 8, an electrolytic solution, and a separator.

12. (New) The binder for the electric double layer capacitor according to claim 1, wherein the polyfunctional unsaturated monomer is a dimethacrylate, a diacrylate, a divinyl compound, a non-conjugated diene, a trimethacrylate or a triacrylate.